

ABSTRACT OF THE DISCLOSURE

A method for analyzing biomechanical conformation of the lower leg and hoof of animals, for example a horse, from images (photographs, radiographs, etc) is described. In particular, there is provided a method to analyze images that may include certain scale markers. A user may be guided to pick certain key points in the images, from which a special set of biomechanical parameters may be computed. Using these parameters, the conformation of the hoof and leg can be analyzed in various ways, including comparison to a database of other animals, tracking changes over time, or by means of quantitative scoring rules.